

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	8137	lumen catheter blood tube guide wire tip	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/05/15 13:31
L2	1799	604/43	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/05/15 13:29
L3	5376	l1 and slid\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/05/15 13:30
L6	1739	l3 and "604".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/05/15 13:30
L7	6316	l1 and outer inner	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/05/15 13:30
L8	3856	lumen catheter blood tube guide wire tip valve	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/05/15 13:31
L9	4	katsuhiro-h\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/05/15 13:31

## EAST Search History

L10	424	igarashi-j\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/05/15 13:32
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## EAST Search History

L23	296	(US-20030163083-\$ or US-20030032918-\$ or US-20010016730-\$ or US-20060116627-\$ or US-20050277862-\$ or US-20050228339-\$ or US-20050177094-\$ or US-20040249338-\$ or US-20050182354-\$ or US-20030055374-\$ or US-20040193046-\$ or US-20020138031-\$ or US-20020026156-\$ or US-20010001814-\$ or US-20040054395-\$ or US-20040054394-\$ or US-20040050788-\$ or US-20030187391-\$ or US-20030187390-\$ or US-20030120256-\$ or US-20020151922-\$ or US-20020138088-\$ or US-20020010418-\$ or US-20010029394-\$ or US-20060052854-\$ or US-20050121384-\$).did. or (US-20020133111-\$ or US-20050288623-\$ or US-20040243119-\$ or US-20040210239-\$ or US-20040143312-\$ or US-20040097995-\$ or US-20040093059-\$ or US-20030187392-\$ or US-20030100911-\$ or US-20020161349-\$ or US-20020095147-\$).did. or (US-4770652-\$ or US-4451252-\$ or US-4623327-\$ or US-6786884-\$ or US-5536242-\$ or US-6682498-\$ or US-5419774-\$ or US-5405320-\$ or US-5364344-\$ or US-6620118-\$ or US-5346471-\$ or US-5334139-\$ or US-5290263-\$ or US-5290231-\$ or US-5284473-\$ or US-5215527-\$ or US-5207643-\$ or US-5195962-\$ or US-5188593-\$ or US-5053023-\$ or US-6461321-\$ or US-5009636-\$ or US-4961809-\$ or US-6447488-\$ or US-4960409-\$ or US-6440061-\$).did. or (US-4928693-\$ or US-4842582-\$ or US-4607635-\$ or US-4563170-\$ or US-4543087-\$ or US-6238369-\$ or US-6146354-\$ or US-6126631-\$ or US-5989206-\$ or US-5944688-\$ or US-5868717-\$ or US-5843022-\$ or US-5827243-\$ or US-5807311-\$ or US-5718692-\$ or US-5683345-\$ or US-5571002-\$ or US-5610767-\$ or	US-PGPUB; USPAT	AND	ON	2007/05/15 13:32
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## EAST Search History

S2	4	("4180068" "5149330").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/08/25 07:17
S3	15	((("2148541") or ("1494344")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/25 07:17
S4	86	("1845727"   "3081770"   "4073297"   "4098275").PN. OR ("4180068"). URPN.	US-PGPUB; USPAT; USOCR	AND	OFF	2006/08/25 07:28
S5	1733	604/43	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/08/25 10:24

## EAST Search History

S6	167	("1248492"   "20020087145"   "20030023198"   "20030088213"   "20030153898"   "20030204179"   "20040064086"   "2024982"   "2460473"   "3336927"   "3680562"   "3833003"   "3938530"   "4134402"   "4270535"   "4299228"   "4345602"   "4403983"   "4406656"   "4431426"   "4432752"   "4451252"   "4479792"   "4490136"   "4493696"   "4543087"   "4545373"   "4568329"   "4574806"   "4581012"   "4583968"   "4619643"   "4623327"   "4643711"   "4668221"   "4670009"   "4682978"   "4717379"   "4738667"   "4769016"   "4776841"   "4808155"   "4808163"   "4832687"   "4842582"   "4894057"   "4895561"   "4927418"   "4950259"   "4961809"   "4968307"   "4994027"   "5009636"   "5021044"   "5053004"   "5053023"   "5057073"   "5057075"   "5059170"   "5098413"   "5122125"   "5135599"   "5139486"   "5156592"   "5167623"   "5171216"   "5195962"   "5207648"   "5207650"   "5209723"   "5209742"   "5213111"   "5215527"   "5221255"   "5221256"   "5234438"   "5246430"   "5273527"   "5279596"   "5338293"   "5346471"   "5348536"   "5350358"   "5360397"   "5364344"   "5374245"   "5378230"   "5380276"   "5380290"   "5382238"   "5395316"   "5403291"   "5405320"   "5405341"   "5431661"   "5451206"   "5468159"   "5472417"   "5480380"   "5486159"   "5489278"   "5509897"   "5509900"   "5542925"   "5556390"   "5569182"   "5571093"   "5662606"   "5693030"   "5713849"   "5718678"   "5752939"   "5792123"   "5797869"   "5807311"   "5807329"   "5810789"   "5830196"   "5882347"   "5911715"   "5913848"   "5916208"   "5919160").PN. OR ("5944732"   "5947953"   "5957893"   "5961486"   "5976103"   "5976120"   "5984908"   "5989206"   "6001079"   "6036654"   "6059771"   "6106540"   "6120494"   "6126631"   "6132405"   "6146354"   "6146373"   "6152909"   "6156016"   "6180059"   "6190349"   "6190371"   "6193685"   "6196996"   "6210365"   "6223070"   "6264627"   "6273879"   "6280423"   "6293927"   "6293958"   "6296631"   "6328730"   "6358229"   "6361529"   "6394141"   "6454997"   "6638242"   "6786884"   "6890321").	US-PGPUB; USPAT; USOCR	AND	OFF	2006/08/25 07:55
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## EAST Search History

S7	45	("3394705"   "4037599"   "4072146"   "4406656"   "4493696"   "5053004"   "5167622"   "5167623"   "5190058"   "5207648"   "5221255"   "5221256"   "5308323"   "5378230").PN. OR ("5718678").URPN.	US-PGPUB; USPAT; USOCR	AND	OFF	2006/08/25 07:58
S8	64	("1696018"   "20020087108"   "20020091362"   "20020099327"   "20030088213"   "20030153898"   "20030187411"   "2393002"   "3416532"   "3426759"   "3929126"   "4149535"   "4385631"   "4493696"   "4808155"   "4842582"   "5106376"   "5221255"   "5221256"   "5242398"   "5342295"   "5348536"   "5378230"   "5395316"   "5405341"   "5451233"   "5472417"   "5505710"   "5571093"   "5607462"   "5624392"   "5665067"   "5693030"   "5718678"   "5718692"   "5738649"   "5776111"   "5792094"   "5797869"   "5800384"   "5800414"   "5807311"   "5807318"   "5810789"   "5814016"   "5947953"   "5989206"   "6001079"   "6126631"   "6156016"   "6161547"   "6190349"   "6217527"   "6293927"   "6443922"   "6638242"   "6682519"   "6695832").PN. OR ("6758836").URPN.	US-PGPUB; USPAT; USOCR	AND	OFF	2006/08/25 08:10
S9	1	("4531935").PN. OR ("6692473").URPN.	US-PGPUB; USPAT; USOCR	AND	OFF	2006/08/25 08:22
S10	536	telescoping catheter and "604".clas.	US-PGPUB; USPAT; USOCR	AND	OFF	2006/08/25 08:23
S11	1066	hemodialysis catheter and "604".clas.	US-PGPUB; USPAT; USOCR	AND	OFF	2006/08/25 08:37
S12	941	604/93.01	US-PGPUB; USPAT; USOCR	AND	OFF	2006/08/25 09:21
S13	1372	604/96.01	US-PGPUB; USPAT; USOCR	AND	OFF	2006/08/25 08:37
S14	5872	604/264	US-PGPUB; USPAT; USOCR	AND	OFF	2006/08/25 08:38
S15	4171	604/264 @py<"2003"	US-PGPUB; USPAT; USOCR	AND	OFF	2006/08/25 08:38

## EAST Search History

S16	21	("3000380"   "3826256"   "4311139"   "4475902"   "4773393"   "4832680"   "4874379"   "5336263"   "5411475"   "5451406"   "5695480"   "5755658"   "5785642"   "5813411"   "5958444"   "5964806"   "6071230"   "6139520"   "6251063"   "6296607").PN. OR ("6425854").URPN.	US-PGPUB; USPAT; USOCR	AND	OFF	2006/08/25 08:41
S17	162	604/40	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/08/25 08:57
S18	836	604/164.01	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/08/25 08:57
S19	1888	604/265	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/08/25 09:09
S20	750	604/533	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/08/25 08:57
S21	39	("4134402" "4134402" "4583968" "4675004" "4682978" "4808155" "4842582" "5009636" "5209723" "5267979" "5374245" "5399172" "5403291" "5464398" "5569182" "5685867" "5858009" "5961486" "6190371" "6409700" "0701075").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/08/25 10:29
S22	53	igarashi-j.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/05/15 13:32
S23	3	katsuhiro-h.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/05/15 13:31

## EAST Search History

S24	91	("3771527"   "3863632"   "4202332"   "4318402"   "4710181"   "4819664"   "4850373"   "4935017"   "4976691").PN. OR ("5149330").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/02/01 07:29
S25	86	("1845727"   "3081770"   "4073297"   "4098275").PN. OR ("4180068").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/02/01 07:33
S26	21	("3000380"   "3826256"   "4311139"   "4475902"   "4773393"   "4832680"   "4874379"   "5336263"   "5411475"   "5451406"   "5695480"   "5755658"   "5785642"   "5813411"   "5958444"   "5964806"   "6071230"   "6139520"   "6251063"   "6296607").PN. OR ("6425854").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/02/01 07:52
S27	3	("2000037413").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/01 07:54
S28	0	("20005037413").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/01 07:54
S29	2	("20050038413").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/01 07:56
S30	145	(604/33).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/01 07:59
S31	479	(604/249).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/01 08:03
S32	639	(604/43).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/01 08:33



## EAST Search History

S33	4	((("4180068") or ("5149330")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/01 08:07
S34	1	(US-5346471-\$).did.	USPAT	AND	ON	2007/02/01 08:08

## EAST Search History

S35	296	(US-20050177094-\$ or US-20020138088-\$ or US-20030100911-\$ or US-20050277862-\$ or US-20010001814-\$ or US-20010016730-\$ or US-20020026156-\$ or US-20020138031-\$ or US-20020151922-\$ or US-20030032918-\$ or US-20030055374-\$ or US-20030163083-\$ or US-20030187390-\$ or US-20030187391-\$ or US-20030187392-\$ or US-20040143312-\$ or US-20040243119-\$ or US-20040249338-\$ or US-20050182354-\$ or US-20050228339-\$ or US-20060116627-\$ or US-20010029394-\$ or US-20020010418-\$ or US-20020095147-\$ or US-20020133111-\$ or US-20020161349-\$).did. or (US-20030120256-\$ or US-20040050788-\$ or US-20040054394-\$ or US-20040054395-\$ or US-20040093059-\$ or US-20040097995-\$ or US-20040193046-\$ or US-20040210239-\$ or US-20050121384-\$ or US-20050288623-\$ or US-20060052854-\$).did. or (US-5346471-\$ or US-6080170-\$ or US-4451252-\$ or US-4493696-\$ or US-4507974-\$ or US-4931050-\$ or US-5536242-\$ or US-5662603-\$ or US-5843022-\$ or US-6440061-\$ or US-5807311-\$ or US-5931801-\$ or US-5571093-\$ or US-6083198-\$ or US-5478309-\$ or US-5772608-\$ or US-5800375-\$ or US-5944688-\$ or US-5989206-\$ or US-6090096-\$ or US-6248086-\$ or US-6293920-\$ or US-6423032-\$ or US-6447488-\$ or US-6461321-\$ or US-6517529-\$).did. or (US-6540712-\$ or US-6592612-\$ or US-6620118-\$ or US-6673039-\$ or US-6682498-\$ or US-6786884-\$ or US-6932792-\$ or US-6936060-\$ or US-6960189-\$ or US-7004931-\$ or US-7033336-\$ or US-5215527-\$ or US-4563170-\$ or US-4871356-\$ or US-5403339-\$ or US-5486193-\$ or US-5526500-\$ or US-4464171-\$ or	US-PGPUB; USPAT	AND	ON	2007/02/01 08:08
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## EAST Search History

S36	56	("4134402"   "4385631"   "4405313"   "4406656"   "4451252"   "4543087"   "4643711"   "4808155"   "4995865"   "5066285"   "5106368"   "5176659"   "5472418"   "Re31873").PN. OR ("5807311").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/02/01 08:14
S37	2313	(604/264).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/01 09:23
S38	135	multilumen catheter valve same tip	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/02/01 09:31
S39	191	(604/101.01).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/01 09:32
S40	54	(604/101.04).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/01 10:08
S41	667	(604/4.01).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/01 10:19
S42	132	(604/84).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/01 10:19
S43	368	(604/171).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/01 10:31

## EAST Search History

S44	2	("6161047").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/01 10:31
S45	58	("2448232"   "3894540"   "4014333"   "4023559"   "4157709"   "4266999"   "4324262"   "4392855"   "4406656"   "4431426"   "4437857"   "4457313"   "4468216"   "4493696"   "4583968"   "4626240"   "4665925"   "4738667"   "4900202"   "4936826"   "5013194"   "5053023"   "5156592"   "5190529"   "5213567"   "5215530"   "5236424"   "5250034"   "5261416"   "5273527"   "5279590"   "5370613"   "5405320"   "5405323"   "5417669"   "5470180"   "5498240"   "5514112"   "5531684"   "5569182"   "5569204"   "5591138"   "5599317"   "5616131"   "5624396"   "5681336"   "5779404"   "5971958"   "6007522"   "6080170"   "6099508"   "6156016"   "6190353"   "6190371"   "6241744"   "6261257"   "6283951"). PN. OR ("7008412").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/02/01 10:36
S46	86	("1845727"   "3081770"   "4073297"   "4098275").PN. OR ("4180068"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/02/01 10:38
S47	53	hemodialysis catheter tip near (valve or seal or septum)	US-PGPUB; USPAT; USOCR	AND	ON	2007/02/01 11:55
S48	349	catheter tip near (valve or seal or septum)	US-PGPUB; USPAT; USOCR	AND	ON	2007/02/02 05:54
S49	2	("6652556").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/02 05:56
S50	2	("6689150").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/02 06:18

## EAST Search History

S51	9	("2148541").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/02 06:18
S52	5	((("3899298") or ("6506177"))).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/15 10:54
S53	11	((("2148541") or ("6190371"))).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/15 10:54